

**TABLE 2**  
**SAMPLE ANALYTICAL REQUIREMENTS SUMMARY**  
 West Virginia Chemical Leak Site  
 Charleston, Kanawha County, West Virginia

Analytical parameter and Method	Matrix	Sample Preservation	Holding Time (Days)	Sample Container(s)					
				Qty	Vol		Bottle Type	QC <sup>1</sup>	Comments
TCL Trace Volatiles + TICs (SOM01.2 or equivalent OASQA SOP)	Surface Water	1:1 HCl, pH<2, Ice, 4°C	14	3	40	ml	Glass Vial	3	Teflon Lined Septa Lids No Headspace
MCHM; PPH constituents (OASQA SOP)	Surface Water	Ice, 4°C	7 to extract; 40 to analyze	2	1	L	Amber Glass	6	Teflon-Lined Lids
TCL Trace Volatiles + TICs (SOM01.2 or equivalent OASQA SOP)	Ground Water	1:1 HCl, pH<2, Ice, 4°C	14	3	40	ml	Glass Vial	9	Teflon Lined Septa Lids No Headspace
MCHM; PPH constituents (OASQA SOP)	Ground Water	Ice, 4°C	7 to extract; 40 to analyze	2	1	L	Amber Glass	6	Teflon-Lined Lids

Notes: 1 - The number listed is the number of sample volumes required for a Lab QC (MS/MSD) sample.

**KEY:**

TCL = Target Compound List	QTY = Quantity
Vol = Volume	ml = milliliter
L = Liter	TIC= Tentatively Identified Compound
QC = Quality Control Sample (i.e. MS/MSD)	OASQA = Office of Analytical Services and Quality Assurance